

Message Text

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PAGE 01 BELGRA 00073 01 OF 02 081355Z

44

ACTION EUR-12

INFO OCT-01 ISO-00 EB-07 RSC-01 /021 W

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R 080635Z JAN 75

FM AMEMBASSY BELGRADE

TO USDOC WASHDC

INFO SECSTATE WASHDC 1652

AMCONSUL ZAGREB

UNCLAS SECTION 1 OF 2 BELGRADE 0073

COMMERCE PASS TO STRAUSS LEON, OVERSEAS PRODUCT SALES GROUP

E.O. 11652: N/A

TAGS: BEXP YO

SUBJECT: MAJOR PRODUCT OPPORTUNITY: STRIP MINING EQUIPMENT FOR
BITOLJ COAL MINES.

REF : BELGRADE A-300

SUMMARY. ELEKTROSTOPANSTVO, ELECTRIC UTILITY IN SKOPJE MAC-
EDONIA, ANNOUNCES MULTIMILLION DOLLAR TENDER FOR MINING
EQUIPMENT FOR BITOLJ COAL MINES. EQUIPMENT IS FOR FIRTS PHASE
WHOSE GOAL IS 2 MILLION TONS ANNUAL PRODUCTION TO FUEL
THERMOELECTRIC PLANTS. BID DEADLINE IS MARCH 12, 1975,
BUT FIRM REALISTICALLY EXPECTS 18 MONTHS DELIVERY TIME.
TOTAL PACKAGE APPROACH, INCLUDING FINANCING, IS IMPORTANT
FOR SUCCESS. RECOMMEND USDOC PUBLICIZE OPPORTUNITY AND
ENCOURAGE U.S. SUPPLIERS RESPONSE. FOLLOWING INFORMATION GEARED
TO FGT FORMAT. END SUMMARY.

1. 479/01/T0009

2. 010675

3. JPOLANSKY

4. 479 YUGOSLAVIA

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PAGE 02 BELGRA 00073 01 OF 02 081355Z

5. Y -- FOREIGN TRADE ENTERPRISE

6A. CABLE OR WRITE TO

6B. TAKI MAJOVSKI
GENERAL DIRECTOR

6C. VARDAR EXPORT-IMPORT
PRVOMAJSKA BB
P.O. BOX 552
91000 SKOPJE

TELEPHONE : 59-430
TELEX: 51-134 YU VARDAR
CABLE VARDAR

7. --

8. 03/12/75

9. 204 9A. FOREIGN COMMERCIAL TENDER

10. PROPOSAL
9915303-1000 - STRIP MINING EQUIPMENT FOR SUDOVOL COAL MINES
NEAR BITOLJ.

GENERAL INFORMATION ON THE MINE AND CONDITIONS:

EXCAVATION OF LIGNITE LAYER OF AVERAGE THICKNESS OF 18 METERS
WITH MAIN VARIATIONS FROM 10 - 25 METERS

THE LIGNITE IS OF EARTHY STRUCTURE AND CONTAINS UP TO
30 PERCENT OF XYLITE

DIP OF COAL LAYER AT EDGES OF THE DEPOSIT UP TO 5DEGREES.
WEIGHT OF COAL IN TONS PER CUBIC METER (T/M3):

- IN NATURAL CONDITION 1.17 T/M3
- LOOSE 0.83 T/M3

THE MAIN MATERIAL OF THE DEPOSIT CONSISTS OF ABOUT 80 PERCENT
OF LOOSELY BOUND MARLY CLAYS AND OF ABOUT 20 PERCENT OF MATERIAL
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PAGE 03 BELGRA 00073 01 OF 02 081355Z

CONTINING SAND AND GRAVEL, MOSTLY WITH WATER.

WEIGHT OF WASTE IN T/M3:
- IN NATURAL CONDITION 1.85 T/M3
- LOOSE 1.32 T/M3

THE LAYER BELOW THE SEAM CONSISTS OF CLAYS AND SANDS WITH WATER.
TECHNOLOGICAL PROCESS OF EXCAVATION OF COAL ENVISAGES USE OF

ROTARY EXCAVATORS, AND OF CONVEYORS FOR TRANSPORT OF COAL TO DELIVERY PLACE.

TECHNOLOGICAL PROCESS OF EXCAVATION OF OVERBURDEN AT THIS DEPOSIT ENVISAGES THE USE OF ROTARY EXCAVATORS, CONVEYORS, BUCKET-WHEEL EXCAVATORS AND CONSOLE STOWAGE.

FOR ALL OTHER DETAILS AND INFORMATION, THE BIDDER SHALL APPLY TO THE INVESTOR ELEKTROSTOPANSTVO, TIRANSKA 2, 91000 SKOPJE OR TO THE DESIGNING ENGINEERS, MINING INSTITUTE, BATAJNICKI PUT 2, ZEMUN.

LISTING OF EQUIPMENT

(A) ROTARY EXCAVATOR FOR EXCAVATING WASTE (TWO)

- CAPACITY 4500-5000 CUBIC METERS PER HOUR (M3H)
- CUTTING POWER SHALL BE DETERMINED BY MANUFACTURER OF EQUIPMENT
- PRESSURE UPON SOIL LESS THAN 1/KILOGRAM PER SQUARE CENTIMETER (KP/CM2)
- EXCAVATION HEIGHT 25-28 METERS
- EXCAVATION DEPTH UP TO 3 METERS
- MINIMUM LENGTH OF UNLOADING BELT 35-40 METERS
- UNLOADING HEIGHT PLUS OR MINUS 2.5 METERS
- DIP OF LATERAL SLOPE OF DEPOSIT 45 DEGREES
- ANGLE OF INCLINATION OF SLOPE WHEN EXCAVATOR IS IN OPERATION 5 PERCENT
- GUARANTEED CAPACITY 2200 - 2500 CUBIC METERS PER HOUR (M3/H) OF SOLID MATERIAL
- CONNECTION VOLTAGE 6 KV
- EXCAVATED MATERIAL SHALL BE LOADED ON RUBBER TRANSPORTERS OR ON CONVEYOR BELT

(B) BUCKET-WHEEL EXCAVATOR FOR EXCAVATING WASTE (ONE)

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PAGE 04 BELGRA 00073 01 OF 02 081355Z

- CAPACITY 1400 M3/H OF LOOSE MATERIAL
- CUTTING POWER SHALL BE DETERMINED BY MANUFACTURER OF EQUIPMENT
- PRESSURE UPON SOIL LESS THAN KILOGRAM PER SQUARE CENTIMETER (KP/CM2)
- EXCAVATION HEIGHT FROM 17-20 METERS
- EXCAVATION DEPTH FROM 17-20 METERS
- DIP OF LATERAL SLOPE OF WORKING FACE 45 DEGREES
- ANGLE OF INCLINATION OF SLOPE DURING OPERATION 5 PERCENT
- MINIMUM LENGTH OF CONVEYER 30 METERS
- GUARANTEED CAPACITY 1000 M3/H OF SOLID MATERIAL
- EXCAVATOR MOUNTED ON CRAWLER
- CONNECTION VOLTAGE 6 KV
- EXCAVATED MATERIAL SHALL BE LOADED ON RUBBER

TRANSPORTERS OR ON CONVEYOR BELT

(C) CONSOLE STOWAGE BELT FOR STOWING WASTE (CLAY AND
SANDY MATERIAL) (TWO)

- CAPACITY 6000-6500 M3/H OF LOOSE MATERIAL
 - PRESSURE UPON SOIL BELOW 0.7 KP/CM2
 - MINIMUM LENGTH OF UNLOADING BELT 70 METERS
 - MAXIMUM STOWAGE HEIGHT 25 METERS
 - TAKE-OVER OF WASTE FROM 1.8-2 METERS WIDE
- CONVEYOR BELTS
- CONNECTION VOLTAGE 6 KV

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PAGE 01 BELGRA 00073 02 OF 02 080909Z

15

ACTION EUR-12

INFO OCT-01 ISO-00 EB-07 RSC-01 /021 W

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FM AMEMBASSY BELGRADE

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AMCONSUL ZAGREB

UNCLAS FINAL SECTION 2 OF 2 BELGRADE 0073

COMMERCE PASS TO STRAUSS LEON, OVERSEAS PRODUCT SALES GROUP

(D) SELF-PROPELLED BELT FOR UNLOADING WASTE (CLAY AND
COAL) (THREE)

- CAPACITY 5000-5500 M3/H OF LOOSE MATERIAL
- SPAN FROM TAKE-OVER TO DELIVERY 60-80 METERS
- HEIGHT OF UNLOADING FROM 2.5-16 METERS
- PRESSURE ON SOIL BELOW 1 KP/CM2
- CONNECTION VOLTAGE 6KV

(E) ROTARY EXCAVATOR FOR EXCAVATING COAL (LIGNITE)
(TWO)

- CAPACITY 1500-1700 M3/H OF LOOSE MATERIAL
- CUTTING POWER DETERMINED BY MANUFACTURER OF EQUIPMENT
- PRESSURE UPON SOIL LESS THAN 1.1 KP/CM2
- EXCAVATION HEIGHT FROM 10-15 METERS
- EXCAVATION DEPTH UP TO 1/METER

- MINIMUM LENGTH OF UNLOADING BELT 20 METERS
- DIP OF LATERAL SLOPE OF SHELF 55 DEGREES
- ANGLE OF INCLINATION OF SLOPE DURING OPERATION
5 PERCENT
- GUARANTEED CAPACITY 700 M3/H OF SOLID MATERIAL
- CONNECTION VOLTAGE 6 KV
- EXCAVATED MATERIAL SHALL BE LOADED UPON RUBBER
TRANSPORTERS OR UPON SELF-PROPELLED BELT

(F) SELF-PROPELLED BELT FOR RELOADING COAL (LIGNITE) (TWO)

- CAPACITY 1700-2000 M3/H OF LOOSE MATERIAL
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PAGE 02 BELGRA 00073 02 OF 02 080909Z

- SPAN FROM TAKE-OVER TO DELIVERY 60 METERS
- HEIGHT OF UNLOADING 1-17 METERS
- PRESSURE UPON SOIL BELOW 1 KP/CM2
- CONNECTION VOLTAGE 6 KV

(G) EXCAVATOR DRAGLINE FOR EXCAVATING WASTE (SANDY MATERIAL)

AND RELATED WORKS AT STOWAGE AREA (FOUR)

- VOLUME OF THE BUCKET 6 CUBIC METERS (M3)
- LENGTH OF BOOM 45 METERS
- PRESSURE UPON SOIL BELOW 0.8 KP/CM2

(H) BULLDOZER (TEN)

- CAPACITY OF MOTOR 270-300 HP
- WITHOUT RIPPER

(I) TRACTOR FOR MOVING RUBBER-BELTED COVEYORS,
EQUIPPED WITH BULLDOZER BLADE, CONSOLE AND POWER
HEAD. (THREE)

- POWER OF MOTOR 270-300 HP

(J) WHEEL BULLDOZER (TWO)

- POWER OF MOTOR 300 HP
- BUILT-IN CONSOLE FOR LIFTING AND TRANSPORT OF HEAVY
OBJECTS

(K) LOADER FOR CLEARING SCRAP AROUND AND BENEATH CONVEYOR
(THREE)

- POWER OF MOTOR 80-100 HP
- VOLUME OF LOADING BUCKET 0.12-0.2 CUBIC METERS
- CAPACITY 10-15 CUBIC METERS OF LOOSE MATERIAL

(L) LOADER (TWO)

- VOLUME OF BUCKET 2 CUBIC METERS (M3)
- MOVES ON RUBBER WHEELS

(M) TRENCH-DIGGER FOR DIGGING CHANNELS IN CLAY AND
SANDY MATERIAL (ONE)

- CAPACITY 400-600 CUBIC METERS PER HOUR (M3/H)
 - MAXIMUM DEPTH OF CHANNEL 2 METERS
 - WIDTH OF CHANNEL 1-5 METERS
 - PRESSURE UPON SOIL UP TO 0.8 KP/CM2
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PAGE 03 BELGRA 00073 02 OF 02 080909Z

- (N) MOTORCRANE (ONE)
- FOR LIFTING UP TO 40 TONS
- (O) CONVEYORS WITH RUBBER BELT FOR TRANSPORT OF COAL (LIGNITE)
- CAPACITY 3600-4000 M3/H OF LOOSE MATERIAL
 - TOTAL LENGTH OF ALL CONVEYORS 4300 METERS
 - LENGTH OF INDIVIDUAL CONVEYORS UP TO 1200 METERS
 - NUMBER OF MOTORS (POWER UNITS) 5
 - SCHEME OF ARRANGEMENT OF CONVEYORS ACCORDING TO PROJECT WHICH BIDDERS ARE FREE TO EXAMINE.

- (P) SLANTING CONVEYOR - SLANTING BRIDGE FRO TRANSPORT OF COAL (ONE)
- CAPACITY 3600-4000 M3/H OF LOOSE MATERIAL
- LENGTH
- 150-200 METERS
 - HEIGHT TO WHICH MATERIAL IS LIFTED 40 METERS
 - SLANTING BRIDGE MOVES ON RAILS

- (Q) CONVEYORS WITH RUBBER BELT FOR TRANSPORT OF WASTE (CLAY AND SANDY MATERIAL)
- CAPACITY 6000-6500 M3/H OF LOOSE MATERIAL
 - OVERALL LENGTH OF ALL CONVEYORS 11,200 METERS
 - LENGTH OF INDIVIDUAL CONVEYORS UP TO 1200 METERS
 - NUMBER OF MOTOR UNITS (POWER UNITS) 18
 - SCHEME OF ARRANGEMENT OF CONVEYORS ACCORDING TO PROJECT WHICH BIDDERS ARE FREE TO EXAMINE.

BIDS SHOULD BE SUBMITTED TO VARDAR EXPORT-IMPORT NO LATER THAN MARCH 12, 1975, CLARLY MARKED AS ACCORDING TO TENDER PUBLISHED IN OFFICIAL GAZETTE OF SFRJ, #64, DECEMBER 13, 1974. THE BIDS SHOULD INCLUDE DETAILED TECHNICAL AND OTHER SPECIFICATIONS ALONG WITH NECESSARY SKETCHES, SCHEMES AND DRAWINGS: THE TERMS AND A PROPOSED LIST OF SPARE PARTS; PROCEDURE FOR TAKE-OVER OF EQUIPMENT AND TERMS OF ASSEMBLY; PRICE OF EQUIPMENT ON THE BASIS OF SPECIFICATIONS AND DELIVERY AND ASSEMBLY DEADLINES; AND CREDIT TERMS. PRECEDENCE WILL BE GIVEN TO BIDS OFFERING THE BEST TECHNICAL SOLUTIONS, DELIVERY TIMES AND CREDIT TERMS FOR THE TOTAL PACKAGE.

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PAGE 04 BELGRA 00073 02 OF 02 080909Z

11. EMBASSY RECOMMENDS USDOC OVERSEAS PRODUCT SALES GROUP GIVE ATTENTION TO THIS OPPORTUNITY AND ENCOURAGE U.S. SUPPLIERS RESPONSE. ALTHOUGH TENDER PUBLISHED NOW, FIRM IS REALISTIC AND ANTICIPATES 18 MONTH DELIVERY TIMES. A SECOND PHASE EXPANDING ANNUAL PRODUCTION ANOTHER 2 MILLION TONS IS EXPECTED TO BEGIN 1980, CREATING ADDITIONAL SALES OPPORTUNITIES. TOTAL PACKAGE APPROACH - INCLUDING FINANCING - IS IMPORTANT TO SUCCESS BY U.S. BIDDERS.
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